

ABSTRACT OF THE DISCLOSURE

A burst disk assembly is configured for use in a pressurized gas system for venting pressurized gas from the system in the event that the gas exceeds a predetermined pressure. The assembly includes a body having a plug region, a transition region adjacent and contiguous with the plug region and a venting region adjacent and contiguous with the intermediate region. The plug region defines an end rim and has an open cross-section. The transition region has an open cross-section that is less than the open cross-section of the plug region,. The plug region and the transition region define a radial wall therebetween having a flat face. The venting region has an open cross-section that is less than the open cross-section of the intermediate region. A plug has a tapered cylindrical shape with a minimum cross-section that is less than the body plug region open cross-section and a maximum cross-section that is greater than the body plug region open cross-section. The plug has a through bore having a diameter less than the open cross-section of the intermediate region. The plug defines, at an end adjacent the minimum cross-section, a disk face. A frangible disk is positioned in the plug region and is sandwiched between the plug disk face and the body radial wall.